

MEETING CALL IN NUMBER: (b) (6)

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WEBEX MEETING INFO: (b) (6)

Attendees

Contractor/Sub-Contractor Staff	Phone	Site	N/P	Government Staff	Phone	Site	N/P
Eric Reitter	X	X		Rod Zion (USACE)	X		
Spencer Archer	X			Karl Kunas (USACE)	X		
Richard Perry	X	X		Greg Zoeller (USACE)	X	X	
Marc Homme	X	X		Evan Lauterbach (USACE)	X		
Khalfani Lee			X	Kim Prestbo (USEPA)			X
Jose Rosado			X	Ed Moreen (USEPA)	X		
Steve Criscenzo			X	Don Carpenter (DEQ)			X
Charles Hand	X	X		Jim Stefanoff (Jacobs)			X
Mark Dunn			X	Karen Dawson (Jacobs)	X		
				Ken Parsons (USACE)			X
				Paul Townley (Jacobs)	X		

1) Review Meeting Minutes from 7/2/2018

- a. No comments.

2) On-Site Status Review & Look-Ahead

- a. Short week due to holiday; some contractors working abbreviated schedule.
- b. Temporary Treatment System (TTS)
 - i. Making good progress despite some delays due to material deliveries.
 - ii. Connections between tanks, manifold, pumps, air compressors, installed and piped in progress.
 - iii. City water connection with backflow preventer installed.
 - iv. Risers for connection to LP line in place.
- c. Design Package 4A CTP Site Civil and Demolition
 - i. Trenching for the MW line continues, nearing TTS rise location.
 - ii. Lined Pond line sediment encountered at tie-in point, ~4 inches (25%) of the 24 inch line.
 - 1. Line was flushed and cleaned out last week.
- d. Design Package 7 Preloading
 - i. Preload Area B (north of aeration basin).
 - 1. Memo submitted to the Government recommending removal of Preload B Area. This submittal was X-Coded. Re-submittal planned for this week. Reinstated weekly monitoring until resolved.
 - 2. Storm drain system will be completed after yard piping is installed.
 - ii. Preload Area C (filter building)
 - 1. Will begin as demolition allows.
 - 2. Demolition Plan is under Government review.
- e. Design Package 5 Sludge Impoundment Area (SIA)
 - i. Summary of activities completed last week:
 - 1. Continue fine grading.

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- 2. Continue spreading liner bedding.
 - 3. Continue to receive materials (pipe and liner).
 - ii. Activities planned for this week:
 - 1. Continue fine grading and placement of liner bedding.
 - f. Design Package 6 Soil Bentonite Cutoff Wall (SBCW)
 - i. Summary of items completed last week:
 - 1. Continued with slot excavation and work pads along SBCW alignment.
 - ii. Activities planned for this week:
 - 1. Continuing with readiness operation for test section.
 - 2. 300+ ton of bentonite on site.
 - 3. Welding of 8" HDPE water line for slurry plant.
 - 4. Plant set-up.
 - 5. Repurposing of steel framework from billboards.
 - 6. Vault installation will start today for Water District (note - not part of the contract with USACE and is being conducted to permit elimination of the water line that runs along I-90 in area of SBCW installation).
 - g. Other – N/A
- 2) Off-Site Status Update
- a. N/A
- 3) Design Status Update
- a. Design Package 4 Interim (CTP Upgrades, including GWCS)
 - i. 2 pending evaluations by Wood.
 - 1. 1 pending evaluation by Wood regarding blower which was recently discussed with Government (DP4C).
 - 2. 1 open pending confirmation in DP4B IFC package.
 - ii. 74 pending BackChecks by Government.
 - 1. 75 BackChecks are Open; 418 BackChecks are Closed.
 - 2. Evaluations have been posted for Government BackChecks for past several weeks.
 - b. Design Package 4A IFC (Demolition and CTP Civil) NTP was issued 6/14/18.
 - c. Design Package 4B Final (GWCS, Outfall Dissipater and Structural Concrete) was submitted 3/9/2018. 256 comments received.
 - i. 77 pending evaluations by Wood.
 - 1. 2 BackChecks require evaluations
 - a. 7372730 and 7372805 – Tracy Snyder related to frost heave mitigations. Wood will revise drawings and post new responses early this week.
 - 2. 75 are open pending confirmation in IFC package
 - ii. 60 pending BackChecks by Government.
 - 1. 125 BackChecks are Open; 117 BackChecks are Closed.
 - iii. Pending comments from DP4 Interim: 3
 - 1. 7248447 – GWCS hydraulic calculations will be provided this week.
 - 2. 7246733 – Karen Dawson to review and close out or provide new BackCheck.

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- 3. 7246385 – Anchor block calculations will be provided this week.
- iv. 404 Compliance Memo will be resubmitted, as a separate submittal, with the DP4B IFC drawing and the contractor Dewatering Plan in July.
- v. Design Package 4B IFC will be submitted 7/13/18.
- d. Design Package 4C Final (Structural Steel and Mechanical) was submitted 4/15/18. Isometrics, MTO and 3D model were included in this submittal. 159 comments received.
 - i. 29 pending evaluations by Wood.
 - 1. 19 pending evaluations by Wood
 - 2. 10 are open pending confirmation in IFC package
 - ii. 46 pending BackChecks by Government.
 - iii. 45 BackChecks are Open; 90 BackChecks are Closed.
 - iv. Pending comments from DP4 Interim: 59
 - v. Wood submitted Dogwood Issued for Permit Drawings. Government provided comments to this submittal. Response to comments provided last week; in Government review.
 - vi. IFC submittal planned for weeks of 7/20/18; pending resolution of Government comments.
- e. Design Package 4D Final (Electrical) planned submission date week of 7/20/18.
 - i. Pending comments from DP4 Interim: 8
 - ii. HVAC information being incorporated into the design and Life Cycle Analysis per SOW 1.4 in progress.
- f. Design Package 4E (Clarifier Upgrades) or Other
 - i. Pending comments from DP4 Interim: 1
 - ii. Wood provided the evaluation of the existing clarifier as a standalone submittal which is required by the SOW.
 - iii. Pending Governments review of the submittal, the associated design package or shop drawing will be determined.

4) Other 2-Week Look-Ahead/Schedule Review

- a. Reviewed the 90-day look ahead schedule provided with the meeting agenda.
- b. Negative float for Design Package 4B IFC submittal, Temporary Treatment System tie-ins, and demolition activities. Wood is evaluating ways to improve on schedule.

5) Upcoming Meetings (Preparatory, finals, etc.)

- a. SBCW meetings being held weekly separate from this call.
- b. ITD permanent fence preparatory meeting was conducted today. Dave Palmer was present for ITD.
- c. SIA piping preparatory meeting was conducted last week (7/6/18).
- d. Demolition preparatory will be scheduled later this week.
- e. TTS electrical preparatory meeting will be scheduled later this week.
- f. SIA concrete preparatory meeting will be scheduled early next week.
- g. SIA liner preparatory will be scheduled for later this week; pending confirmation of liner delivery anticipated 7/11-7/12/18.
- h. SBCW installation preparatory meeting scheduled for 7/16/18; pending approval of Mix Design.
- i. Potential meeting to discuss DP4B comments with Sven Lie.

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- j. Seattle District Deputy Chief of Construction, Sid Jones, will be in the vicinity the morning of Friday, 13 July, and is interested in touring the CTP/GWCS project site. Rod plans to escort him around the site similar to the District Commander's site visit. No support from Wood is required beyond the safety orientation.

6) Submittal/Submittal Register (Pending, re-submittal, upcoming)

- a. FAT plan to be provided in advance of Factory Accept testing planned in August 2018.
- b. 404 Compliance Memo comments from USEPA have been provided. Resubmittal planned pending DP4B IFC drawings and the Dewatering Plan.
- c. SIA preconstruction submittals are in progress.
 - i. Shop Drawings for liner installation were approved last week.
 - ii. DP5 Liner Fittings accepted last week.
- d. SBCW preconstruction submittals are in progress.
 - i. Mix Design (02 35 27.06-7) was is going to be rejected; comments to be finalized tomorrow.
- e. SIA O&M Manual was E coded. Wood preparing responses to comments which appear to be beyond SOW requirements. Should be re-submitted later this week.
- f. TTS O&M Manual – memo to address cleanout of the lined pond will be submitted. To be submitted this week
- g. Demolition Plan was approved last week.
- h. Liner installer qualifications and QC approach approved.
- i. Liner Manufacturer warranty was X-Coded. Prorated warranty was submitted.
- j. PEMB Issued for Permit responses to Government comments; Government plans to provide comments by or before 7/11/18.
- k. Preload Area B resubmittal will be provided this week.
- l. Thickener evaluation in Government review; comments expected 7/11/18.
- m. Outstanding preconstruction submittals:
 - i. No Rise / No impact Certification
 - ii. Dewatering Plan, plan to provide as a preconstruction submittal, expected 24 July
 - iii. Plan for managing sludge in the Lined Pond during operation of the Temporary Treatment System

7) Serial Letters

- a. REA for Unforeseen Conditions has been reviewed by USACE and a response issued to Amec Foster Wheeler. Amec Foster Wheeler is evaluating options for responses.
- b. Serial letter (H-0039) for SPA cover material submitted 6/4/18. This is a notification letter to document elevated XRF screening results of the cover material in the SPA. Government provided response (C-0044). Amec Foster Wheeler provided a follow up to USACE (H-0052). Government will provide a response.
- c. Serial letter (H-0043) for name change from Amec Foster Wheeler to Wood was submitted 6/4/18. Pending admin modification by the Government.

8) Modifications (Expected, Underway, Option items)

- a. Chamber of Commerce billboard modification (R0010) was received for preserving the historical billboard, includes reconnection of power.
- b. SP005 for pipe materials variation – Wood has provided MTO and is preparing an estimate for the change. Amec Foster Wheeler provided a revised proposal 27 June 2018 (H-0048). Wood is working to respond to Government comments; plan to provide responses tomorrow.
- c. SP012, Request for Proposal for pig vaults received 4/19/18. Proposal provided 5/21/18. Amec Foster Wheeler responding to Government questions this week.
- d. SP013, Miscellaneous Metals and Power Factor Correction Variation received 5/14/18.

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- i. Decision was made to remove PFC variation from the case. Proposal due to government on 6/22/18. H-0046 was received. Wood will provide backup.
- a. SP014, Delete POL Containment Pad received 5/21/18. Proposal requested by 5/31/18. Wood provided proposal. USACE requested that a pump be included with the credit. Wood provided a serial letter (H-0049) with the credit. Modification (R0013) received, signed and returned by Wood. Government execution pending name change modification.
- b. SP016 RFP 009 – CIA Geomembrane Thickness. Amec Foster Wheeler provided a serial letter (H-0050) with a proposal to conduct engineering relative to welding existing 40-mil and proposed 60-mil liners and developing welding requirements. Modification (R0011) received, signed and returned. Government execution pending name change modification.
- c. An RFP (SP017) relative to decommissioning the monitoring well at the SBCW will be sent to Amec Foster Wheeler. Wood provided proposal last week. Modification (R0012) received, signed and returned. Government execution pending name change modification.

9) Requests For Information

- a. RFI-0064 – SPA gate location. This has been answered.

10) Safety Items (Deficiencies, high risk work, clearances, etc.)

- a. No outstanding safety deficiencies.
- b. Safety awareness
 - i. Safety Awareness in the next week includes confined space and hot work during the TTS installation. Also, excavation and 24" HDPE pipe installation work will be in close proximity excavation work along the Williams Gas Line easement. Williams is onsite and the crews have been briefed on procedure. Heat stress is being stressed during safety meetings.
- c. Continued diligence to remaining in compliance (aware) with evolving EM385 safety requirements.
- d. Weekly group safety meetings are taking place on Tuesday mornings to ensure all contractors and team members are on the same page with site traffic, work location and general safety concerns.
- e. No new safety issues noted by QAR.

11) Quality Items

- a. Amec Foster Wheeler has prepared a corrective action plan for the control well deficiencies (#2, #5 and #10). QAR and CQCSM reviewed the deficiencies. Plan to do this work later this week.
- b. No new QC issues noted by QAR.

12) Working Hours (Holiday working hours, days off, etc.)

- a. 0700 to 1700 PST for construction crews; six, 10 hour days per week for SIA; five days per week, 10 hours per day for SBCW prior to full scale production. AEC will be working five, ten hour days for the TTS and piping tie-ins.

13) Other Follow-Up Items

- a. Avista Easement – SVE has developed legal descriptions; however, these have not been received due to email issues. Wood is working with SVE to resolve the email issues.
- b. Dan McCracken will be coordinating the semi-annual CIA and Bunker Creek inspections.
- c. Khalfani Lee will be out starting next week; returning mid-August. Michael Goatcher will be the onsite as Khalfani's replacement.
- d. Richard Perry will be out starting next week; Mark Dunn will fill in as the new SS.
 - i. APP will be updated.

14) O&M Update

- a. O&M continues to be routine.

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- i. pH set point is currently 8.4
- ii. KT flows currently ~1,790 gpm at this time
 - 1. The mine pool pump was placed into service 4 July
 - 2. No pump schedule update has been provided by mine personnel
- iii. No lime delivery scheduled at this time; estimating 33 days of lime supply in silos
- iv. Annual fire extinguisher inspection was performed Tuesday July 3
- v. Six month pump and motor preventative maintenance inspection performed July 3
- vi. Acid Mine Drainage (AMD) lines pigging and video inspection rescheduled for July 23 - July 27 pending completion of Lined Pond tie-in
- b. Lined Pond is ~0.75 MG; lowest practical level
- c. Government provided notification and planned schedule for CDA Trust to access the CTP facility for disposal of generated wastes. Waste disposal is planned to go to the Lined Pond.
- d. Discrepancies
 - i. Troubleshooting effluent flow meter; repair kit has been ordered.
 - ii. Lime loop #2 discharge pipe failed 6 July; this will be a CMR. Plan to repair tomorrow.
- e. OMERs/CMRs
 - i. Lined Pond Pump #1 failed on 4/24/18. OMER #26 has been approved and work is in progress. Following completion of tie-in to Lined Pond, Beckwith & Kuffel (B&K) will install Lined Pond Pump #1 motor and repair other pumps.
 - ii. HMI B failure (OMER #29). H2E repaired HMI B and created an image to provide redundancy and provide a means to back up the system should either HMI fail in the future. H2E to resolve trending issue (pH and lime injection history).
 - iii. Storm drain under lime silo was found to be plugged (OMER #25). OMER is approved and work will be scheduled. OMER will be revised to include other storm drain work required and re-submitted for Government review and approval prior to conducting the work.
 - iv. The 24 inch Lined Pond line contained ~3-4 inches of sludge and sediment at the point of the tie-in. OMER #32 was approved and the line was hydro jetted from the tie-in point.

15) Payment Applications

- a. May application was uploaded. Wood is working to resolve the discrepancy (\$1), likely a round off error.
- b. June application will be submitted today.
- c. Wood will setup schedule review call next week.

ACTION ITEMS

No.	Item	Responsible	Anticipated Completion Date
134	Provide preliminary FAT schedule to include generator testing	Wood	7/16/18
154	Provide updated legal descriptions to Government to support Avista Easement negotiations	Wood	7/9/18
156			